

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

DEDUCTIVE ALTERNATE BID AREA #1
CONSTRUCTION NOTES:

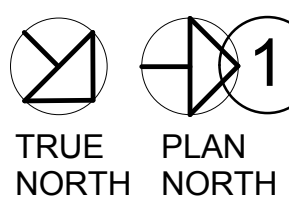
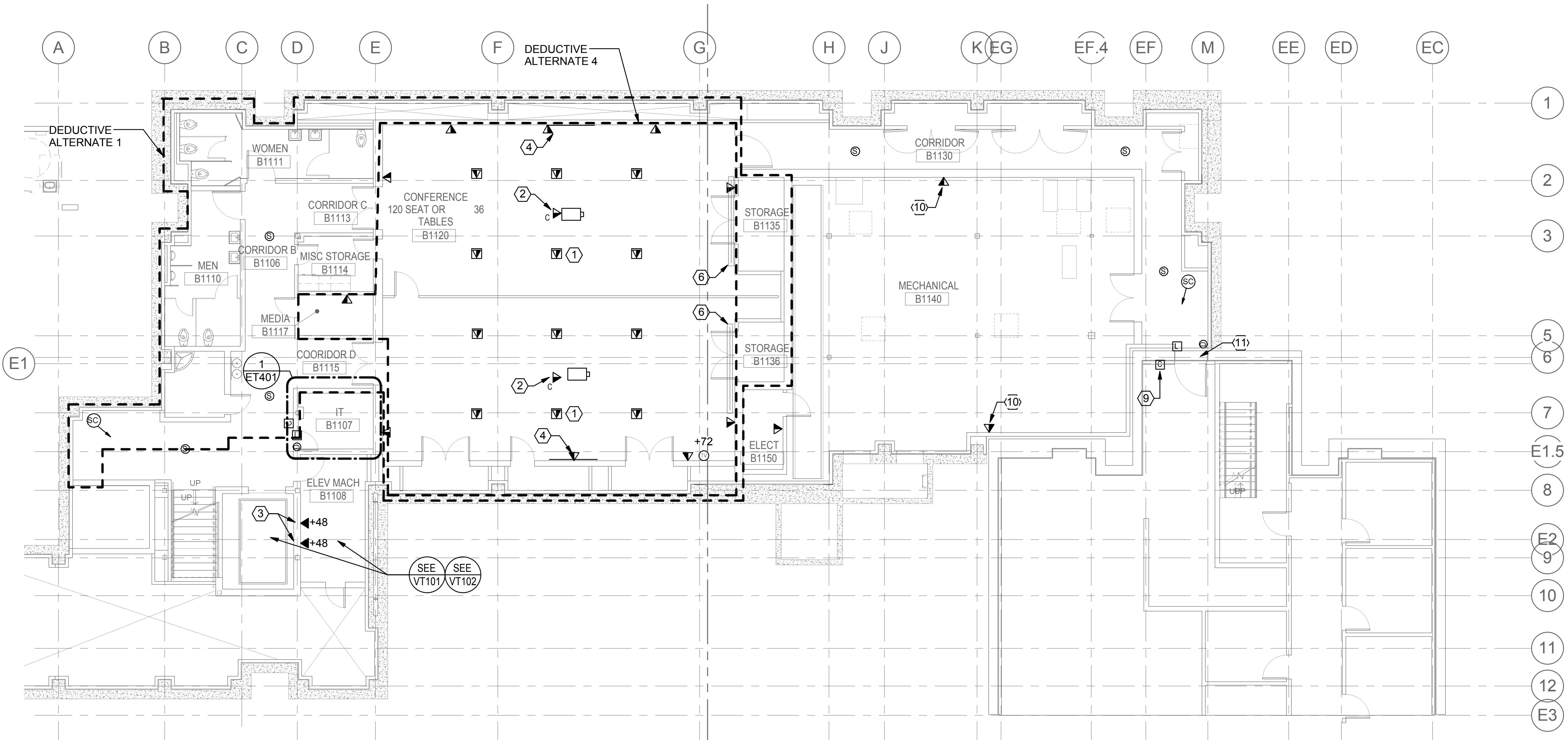
1. OMIT ALL TELECOMMUNICATIONS, AV AND SECURITY DEVICES FROM AREA INDICATED.
2. PROVIDE SPARE CONDUIT SLEEVES BETWEEN THE TELECOM ROOMS.

GENERAL SHEET NOTES

- A EXTEND SECURITY CAMERA AND DOOR ACCESS CONTROLS CABLING TO EXISTING DMP MODEL XR500N SECURITY CONTROL PANEL SYSTEM IN BUILDING 40. COORDINATE WITH ALLIED FIRE & SECURITY FOR CONNECTION TO EXISTING SYSTEM.

SHEET KEYNOTES

- 1 TYPICAL OF 12 ON THIS SHEET, PROVIDE COMBINATION POWER/DATA RECESSED FLOORBOX. ROUTE ALL DATA CONDUIT BACK TO CEILING SPACE OF IT ROOM. SEE ELECTRICAL PLAN EP100.
- 2 PROVIDE CEILING MOUNTED COMMUNICATIONS OUTLET FOR OFCI PROJECTOR. COORDINATE INSTALLATION LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- 3 PROVIDE (2) DEDICATED TELEPHONE OUTLETS FOR ELEVATORS. (1) FOR EACH ELEVATOR.
- 4 SMART BOARD LOCATION - MOUNT SMART BOARD SO THAT TOP OF BOARD IS AT 6'-6" FROM FINISHED FLOOR.
- 5 AUDIO VISUAL INPUT WALL PLATE - (1) HDMI, (1) VGA AND (1) AUDIO INPUT - ROUTE CABLING TO PROJECTOR LOCATION.
- 6 POWERED PROJECTION SCREEN FLUSH MOUNTED IN CEILING.
- 7 8 X 8 X 4 JUNCTION BOX ABOVE CEILING FOR CONDUIT AND CABLING CONNECTIONS TO AV LOCATIONS. PROJECTOR LOCATION AND ROUTING TO MEDIA ROOM.
- 8 84" TALL 4-POST EQUIPMENT RACK FOR OWNER AV EQUIPMENT.
- 9 FLUSH CEILING SPEAKERS WITH CABLING TO THE PROJECTOR LOCATION - INSTALL A MINI AMP AT THE PROJECTOR FOR THE SPEAKER SIGNAL.
- 10 COMMUNICATIONS OUTLET FOR DDC. COORDINATE EXACT LOCATION WITH DIVISION 23 SPECIFICATIONS.
- 11 PROVIDE SEISMIC FITTINGS FOR CONDUITS AT EXPANSION JOINT BETWEEN BUILDING 40A AND BUILDING 40.
- 12 REFER TO DETAIL 3/ET601 FOR SINGLE ACCESS DOOR CARD DETAIL.



BASEMENT PLAN - TECHNOLOGY
1/8" = 1'-0"

| | | |
|-----------|----------------------------|------------|
| | | |
| | BID DOCUMENT | 11/02/2015 |
| | 100% CONSTRUCTION DOCUMENT | 1/26/2015 |
| | | 12/30/14 |
| | 99% CONSTRUCTION DOCUMENT | 12/17/14 |
| | 95% CONSTRUCTION DOCUMENT | 10/13/14 |
| | 65% DESIGN DEVELOPMENT | 6/27/14 |
| | SCHEMATIC DESIGN | 3/28/14 |
| Revisions | ISSUES | Date |

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Drawing Title
**BASEMENT LEVEL PLAN -
TECHNOLOGY**

Approved: Project Director
Approver

Project Title
**INTENSIVE OUTPATIENT MENTAL HEALTH
AND EDUCATION BUILDING**
SPOKANE VA MEDICAL CENTER
SPOKANE, WASHINGTON 99205

Location
SPOKANE, WASHINGTON 99205

Issue Date
11/02/2015

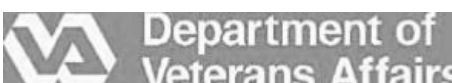
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MT

Drawn
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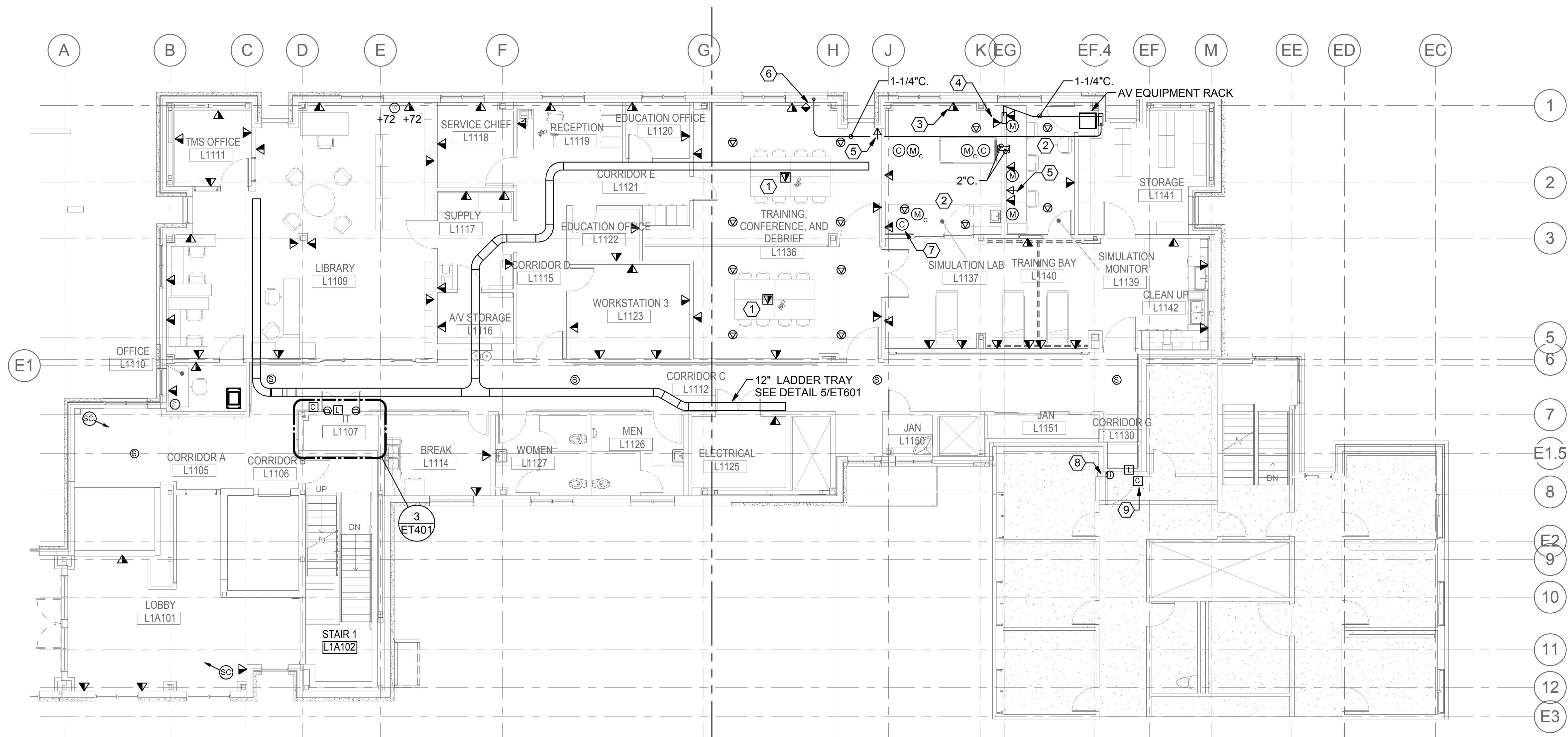
Project Number
668-313
Building Number
40A
Drawing Number
ET100
Dwg. of

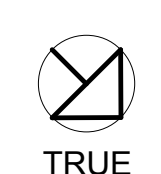
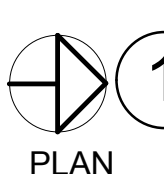
BID DOCUMENT
NOVEMBER/02/2015

Office of
Construction
and Facilities
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one inch = one foot
three quarters inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



  **LEVEL 1 PLAN - TECHNOLOGY**
1/8" = 1'-0"

DEDUCTIVE ALTERNATE BID AREA #2
CONSTRUCTION NOTES:

1. OMIT ALL TELECOMMUNICATIONS, AV AND SECURITY DEVICES AND ASSOCIATED CIRCUITS AND PATHWAY IN WALLS NOT BEING BUILT AS PART OF DEDUCT.
2. PROVIDE SPARE CONDUIT SLEEVES BETWEEN THE TELECOM ROOMS.
3. PROVIDE CONDUIT PATHWAY AND BACKBOXES FOR ALL DEVICES ON FINISHED WALLS WITHIN DEDUCT AREA.



GENERAL SHEET NOTES

- A EXTEND SECURITY CAMERAS AND DOOR ACCESS CONTROLS CABLING TO EXISTING DMP MODEL XR500N SECURITY CONTROL PANEL SYSTEM IN BUILDING 40. COORDINATE WITH ALLIED FIRE & SECURITY FOR CONNECTION TO EXISTING SYSTEM.

SHEET KEYNOTES

1. PROVIDE COMBINATION POWER/DATA RECESSED FLOORBOX. SEE ELECTRICAL PLAN EP101.
2. ROUTE AUDIO VISUAL DEVICE CABLING AND CONDUIT IN THIS AREA TO AV EQUIPMENT RACK IN CLOSET. CEILING MICROPHONES AND SPEAKERS ARE TO BE INDIVIDUALLY CONTROLLABLE AND ROUTABLE FROM THE LAB SIMULATION MONITOR ROOM.
3. PROVIDE DATA OUTLET FOR OFCI SMARTBOARD. COORDINATE INSTALLATION LOCATION WITH ARCHITECTURAL ELEVATIONS AND PLANS PRIOR TO ROUGH-IN.
4. PROVIDE DATA OUTLET FOR MONITOR AND WORKSTATION. COORDINATE INSTALLATION LOCATION WITH ARCHITECTURAL ELEVATIONS AND PLANS PRIOR TO ROUGH-IN.
5. PROVIDE AND INSTALL AN INTERCOM BETWEEN THE CONFERENCE ROOM AND LAB SIMULATION MONITOR ROOM.
6. PROVIDE AND INSTALL AN AV OUTLET BACKBOX WITH CONDUIT TO THE AV RACK LOCATED IN THE LAB SIMULATION MONITOR ROOM - FOR FUTURE CABLING
7. TYPICAL - CAMERAS TO BE INSTALLED ARE OWNER FURNISHED AND CONTRACTOR INSTALLED - CAMERAS ARE A POE STYLE DOME CAMERA - INSTALL (1) CAT6 CABLE FROM THE CAMERA LOCATION TO THE AV RACK LOCATION IN THE LAB SIMULATION MONITOR ROOM. TYPICAL OF 3.
8. PROVIDE SEISMIC FITTINGS FOR CONDUITS AT EXPANSION JOINT BETWEEN BUILDING 40A AND BUILDING 40.
9. REFER TO DETAIL 3/ET601 FOR SINGLE ACCESS DOOR CARD DETAIL.

BID DOCUMENT
NOVEMBER/02/2015

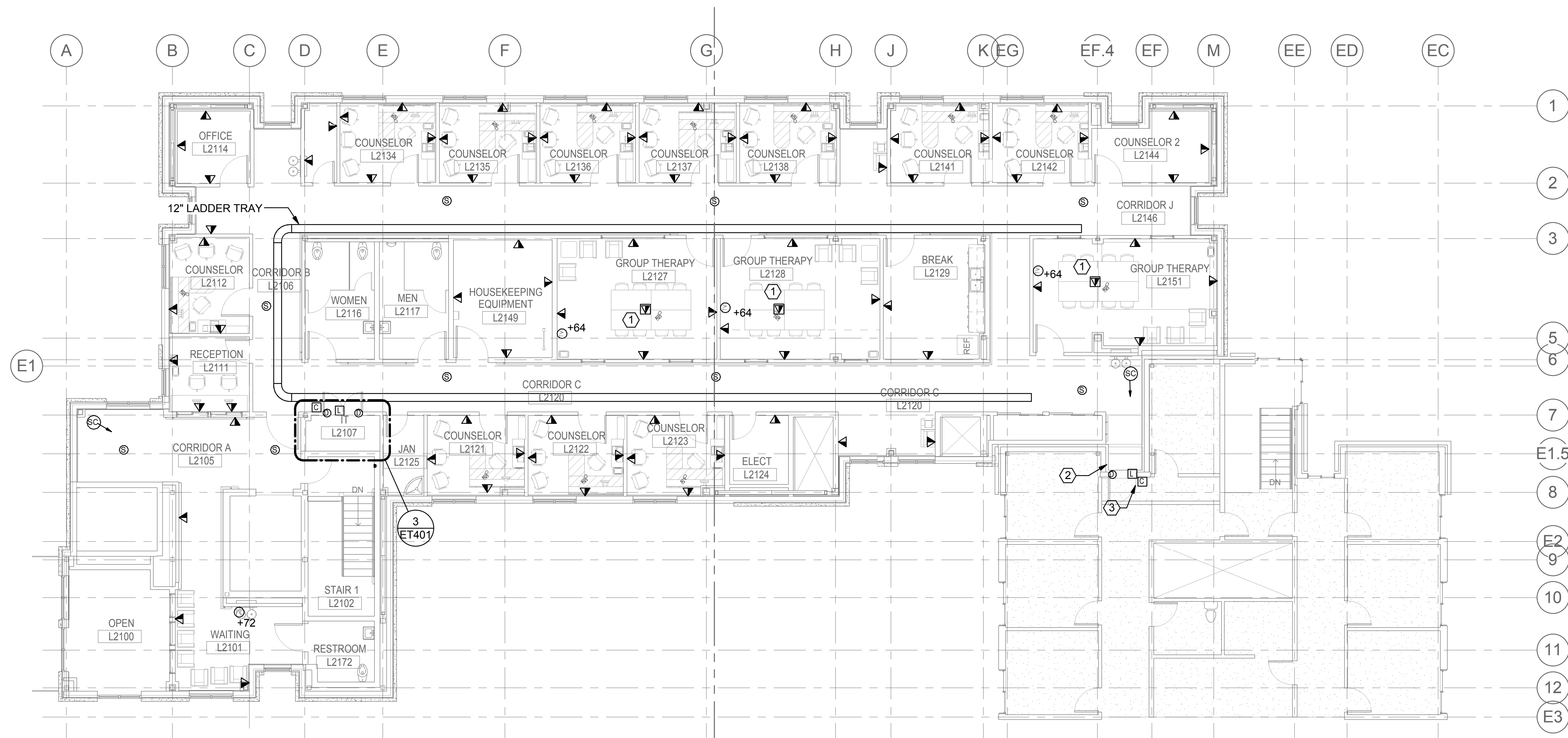
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|-----------|--|------------|--|---|--|------------------|--|---|--|--|--|--|--|---------------------------------------|--|---|--|-------------|--|
| | | | | CONSULTANTS: | | | | ARCHITECT/ENGINEERS: | | Drawing Title LEVEL 1 PLAN - TECHNOLOGY | | Project Title INTENSIVE OUTPATIENT MENTAL HEALTH AND EDUCATION BUILDING | | Project Number 668-313 | | <div>Office of Construction and Facilities Management</div> <div>Department of Veterans Affairs</div> | | | |
| | | 11/02/2015 | | 100% CONSTRUCTION DOCUMENT | | 1/26/2015 | |  | | | | SPOKANE VA MEDICAL CENTER SPOKANE, WASHINGTON 99205 | | Building Number 40A | | | | | |
| | | 12/30/14 | | 99% CONSTRUCTION DOCUMENT | | 12/17/14 | | 14410 SE Petrovitsky Rd. Suite 206 Renton, WA 98058 425-291-7078 | | Approved: Project Director Approver | | | | Drawing Number ET101 | | | | | |
| | | 10/13/14 | | 95% CONSTRUCTION DOCUMENT | | 6/27/14 | | | | | | Location SPOKANE, WASHINGTON 99205 | | | | | | | |
| | | 3/28/14 | | 65% DESIGN DEVELOPMENT | | SCHEMATIC DESIGN | | | | | | Issue Date 11/02/2015 | | Checked MT | | | | Drawn JN | |
| Revisions | | ISSUES | | Date | | | | | | | | | | | | | | | |
| | | | | <div>PROJECT 2013-0512 CONTACT Michael Troyer  INTERFACE ENGINEERING 100 SW Main Street Suite 1600 Portland, OR 97204 TEL 503.382.2266 FAX 503.382.2262 www.interfaceengineering.com</div> | | | | | | | | | | | | | | | |



GENERAL SHEET NOTES

- A EXTEND SECURITY CAMERA AND DOOR ACCESS CONTROL CABLE TO EXISTING DMP MODEL XR500N SECURITY CONTROL PANEL SYSTEM IN BUILDING 40. COORDINATE WITH ALLIED FIRE & SECURITY FOR CONNECTION TO EXISTING SYSTEM.

SHEET KEYNOTES

- 1 PROVIDE COMBINATION POWER/DATA RECESSED FLOORBOX. SEE ELECTRICAL PLAN EP102.
- 2 PROVIDE SEISMIC FITTINGS FOR CONDUITS AT EXPANSION JOINT BETWEEN BUILDING 40A AND BUILDING 40.
- 3 REFER TO DETAIL 3/ET601 FOR SINGLE ACCESS DOOR CARD DETAIL.



  1

TRUE PLAN
NORTH NORTH


LEVEL 2 PLAN - TECHNOLOGY

1/8" = 1'-0"

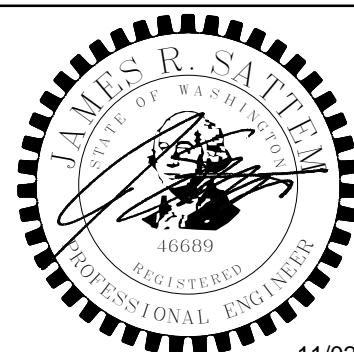
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| | 95% CONSTRUCTION DOCUMENT | 10/13/14 |
| | 65% DESIGN DEVELOPMENT | 6/27/14 |
| | SCHEMATIC DESIGN | 3/28/14 |
| Revisions | ISSUES | Date |

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Drawing Title
**LEVEL 2 PLAN -
TECHNOLOGY**

Approved: Project Director

Approver

Project Title
**INTENSIVE OUTPATIENT MENTAL HEALTH
AND EDUCATION BUILDING**
SPOKANE VA MEDICAL CENTER
SPOKANE, WASHINGTON 99205

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| Location | SPOKANE, WASHINGTON 99205 |
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| Issue Date | 11/02/2015 |
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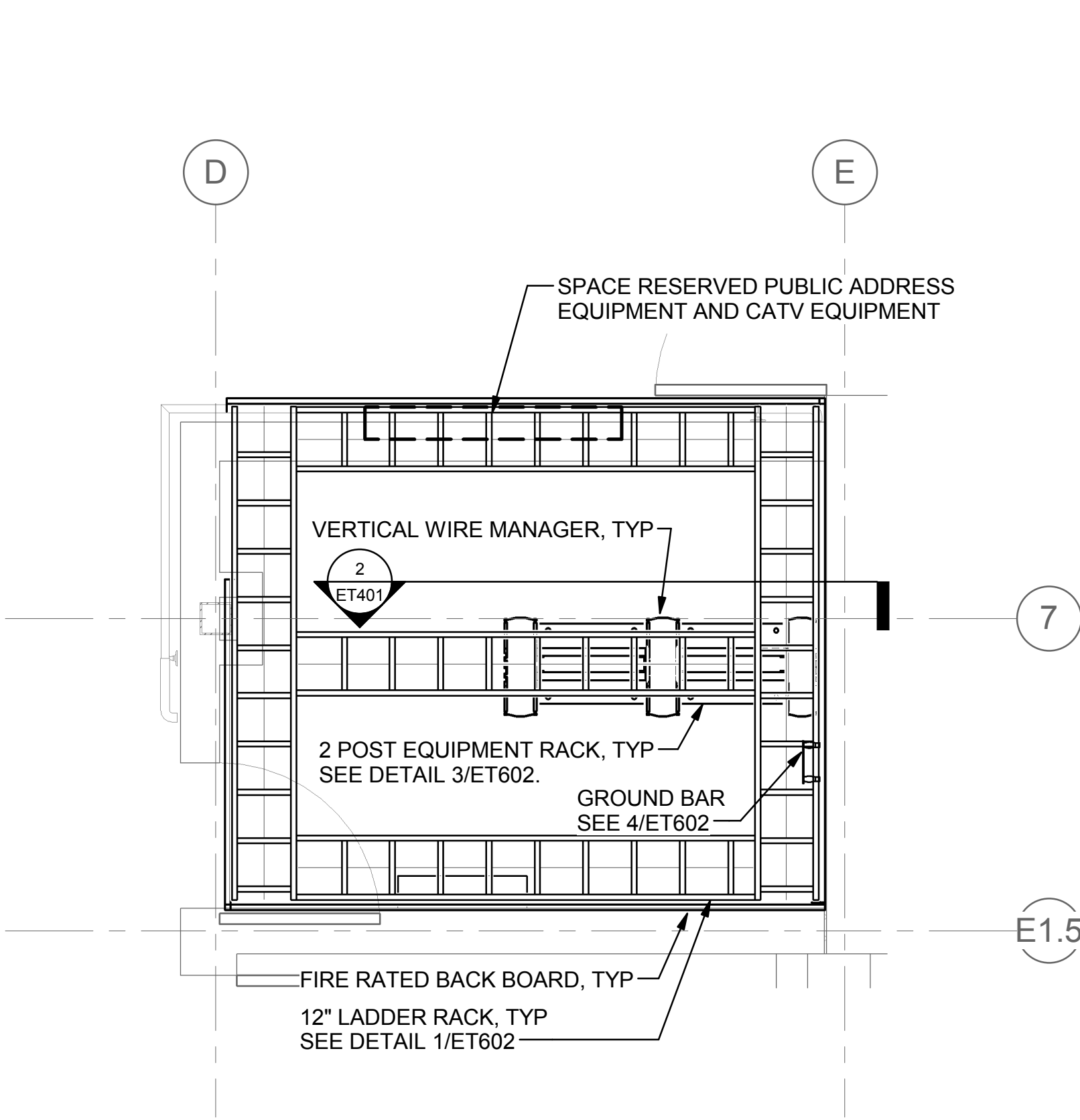
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| Project Number 668-313 |
| Building Number 40A |

Drawing Number
ET102
Dwg. of

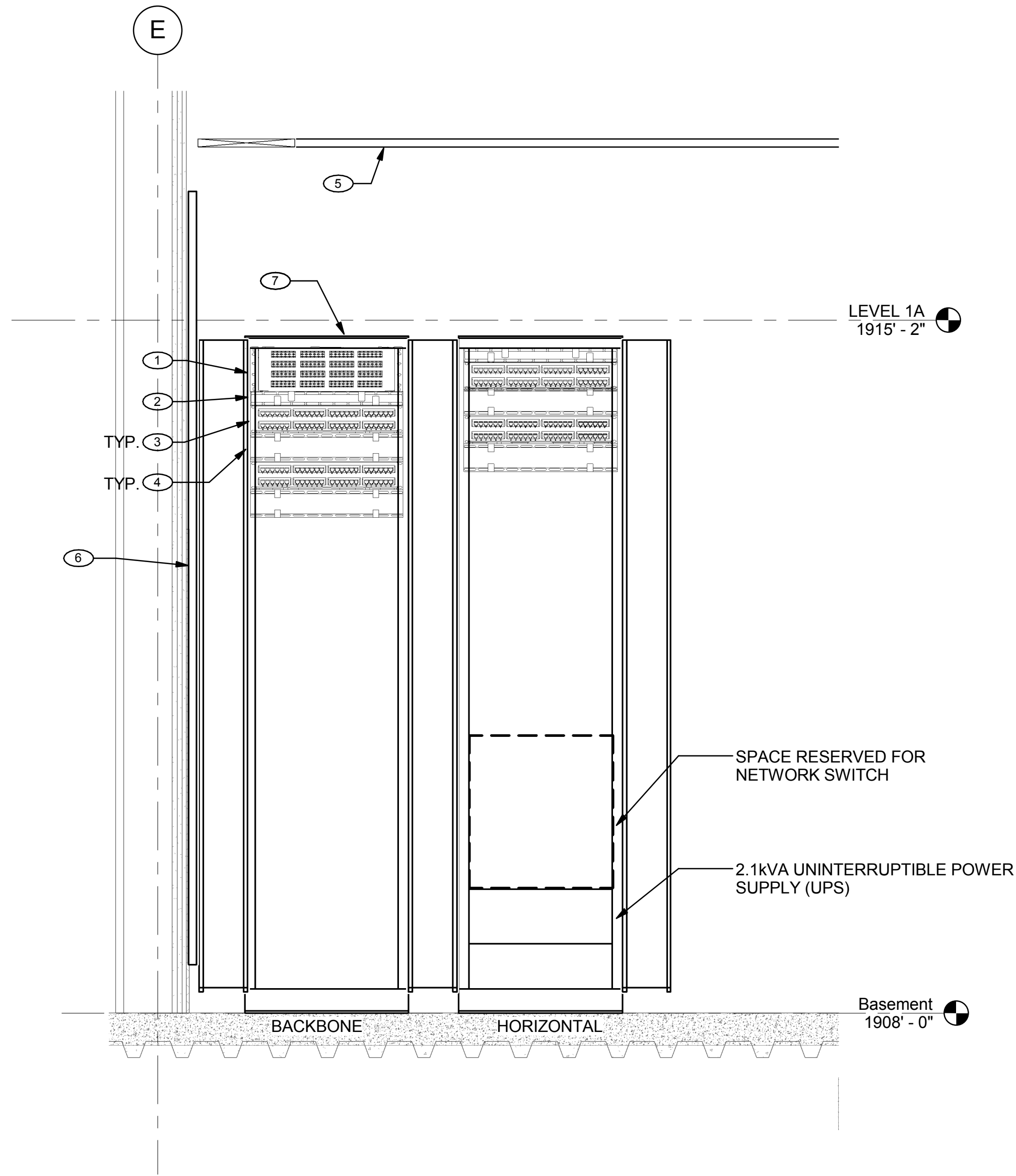
Office of
Construction
and Facilities
Management



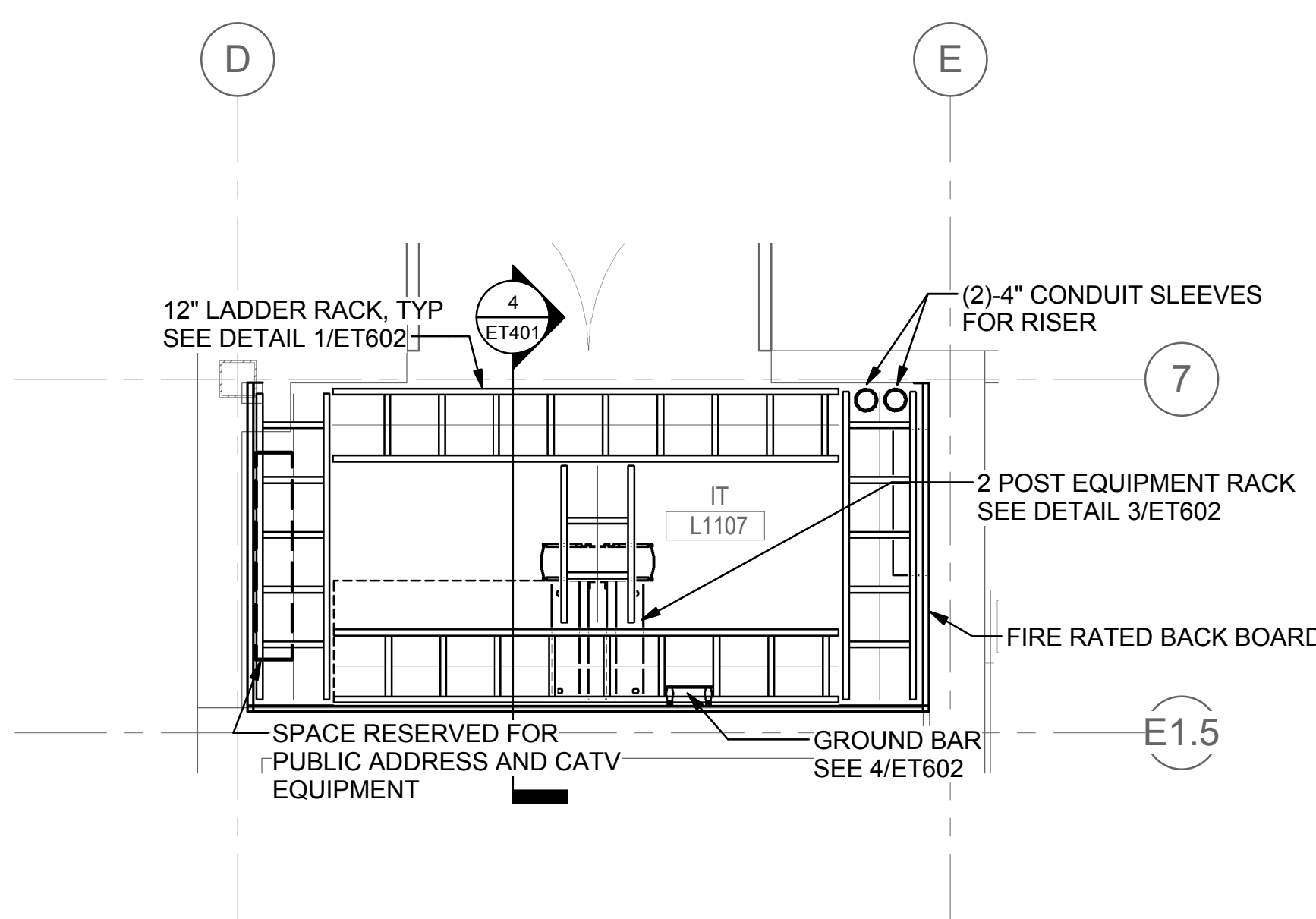
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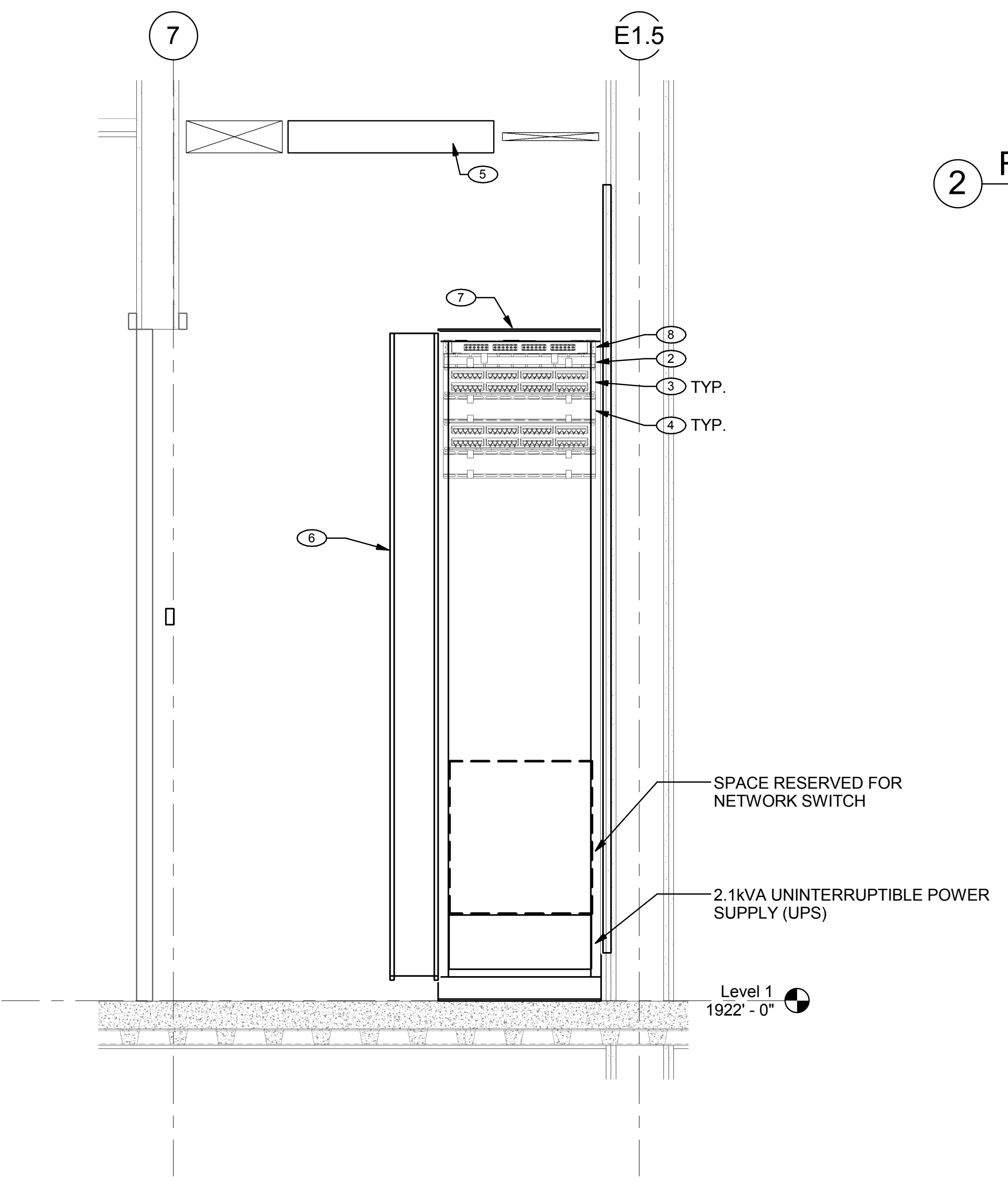
1 ENLARGED IT ROOM B1107 - TECHNOLOGY
1/2" = 1'-0"



2 RACK ELEVATION B1107 - TECHNOLOGY
1" = 1'-0"



3 TYPICAL ENLARGED IT ROOM - TECHNOLOGY
1/2" = 1'-0"



4 TYPICAL IT ROOM RACK ELEVATION - TECHNOLOGY
1" = 1'-0"

EQUIPMENT SCHEDULE

| EQUIPMENT ID | QUANTITY | DESCRIPTION |
|--------------|-------------|--|
| 1 | AS REQUIRED | RACK MOUNTED 2RU 48-PORT FIBER PATCH ENCLOSURE |
| 2 | AS REQUIRED | 1RU HORIZONTAL WIRE MANAGER, 19" RACK |
| 3 | AS REQUIRED | 48-PORT, CATEGORY 6, MODULAR PATCH PANEL |
| 4 | AS REQUIRED | 2RU HORIZONTAL WIRE MANAGER, 19" RACK |
| 5 | AS REQUIRED | 12" CABLE RUNWAY |
| 6 | AS REQUIRED | 6" WIDE x 84" HIGH DOUBLE-SIDED VERTICAL CABLE MANAGER |
| 7 | AS REQUIRED | 19" WIDE x 84" HIGH EQUIPMENT RACK |
| 8 | AS REQUIRED | RACK MOUNTED 1RU 24-PORT FIBER PATCH ENCLOSURE |

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| | SCHEMATIC DESIGN | 3/28/14 |
| Revisions | ISSUES | Date |

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JAMES R. SATTER
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11/02/15

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Drawing Title
TYPICAL ENLARGED TECHNOLOGY PLANS

Approved: Project Director
Approver

Project Title
INTENSIVE OUTPATIENT MENTAL HEALTH AND EDUCATION BUILDING
SPOKANE VA MEDICAL CENTER
SPOKANE, WASHINGTON 99205

Location
SPOKANE, WASHINGTON 99205

Issue Date
11/02/2015

Checked
MT

Drawn
JN

Project Number
668-313

Building Number
40A

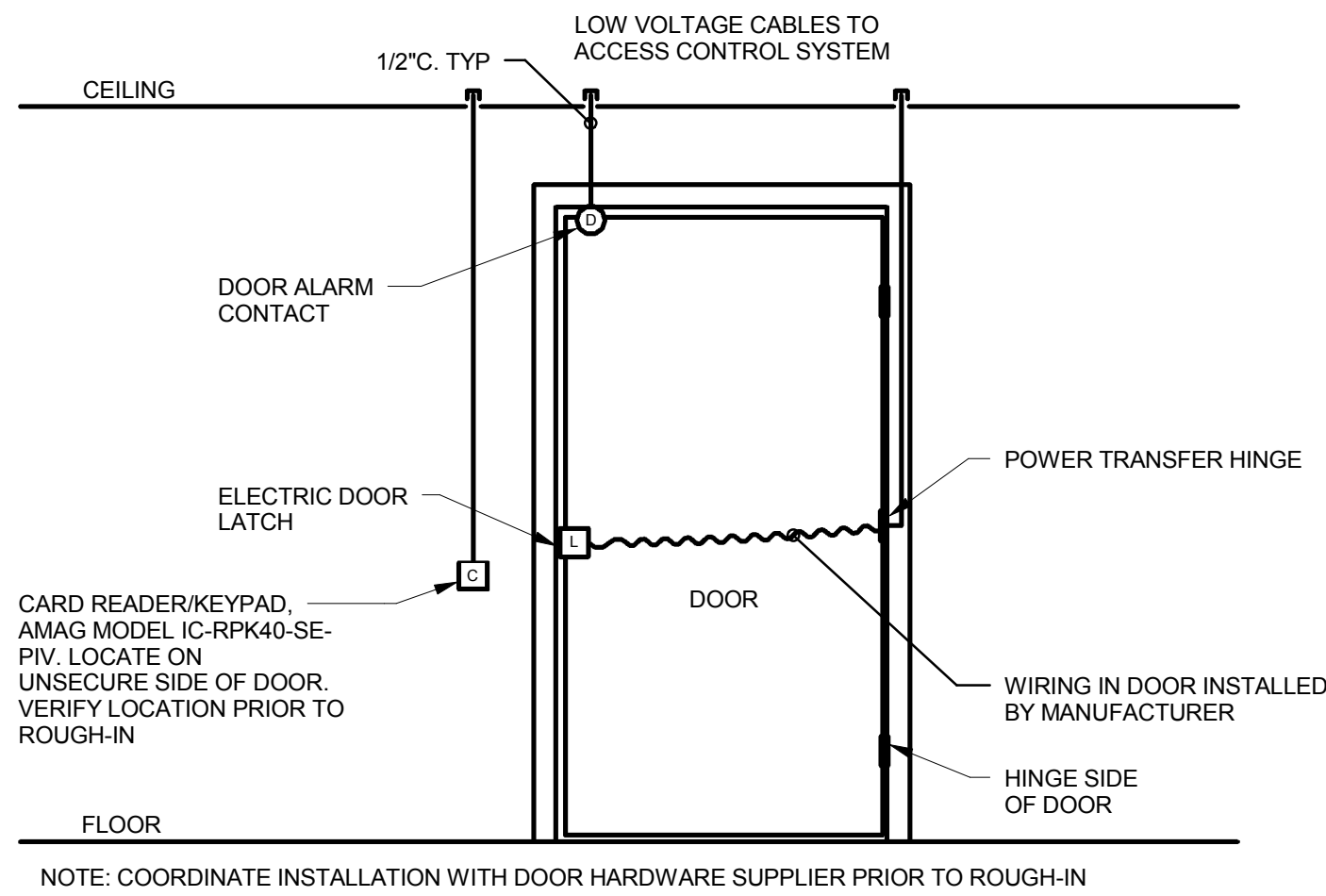
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ET401

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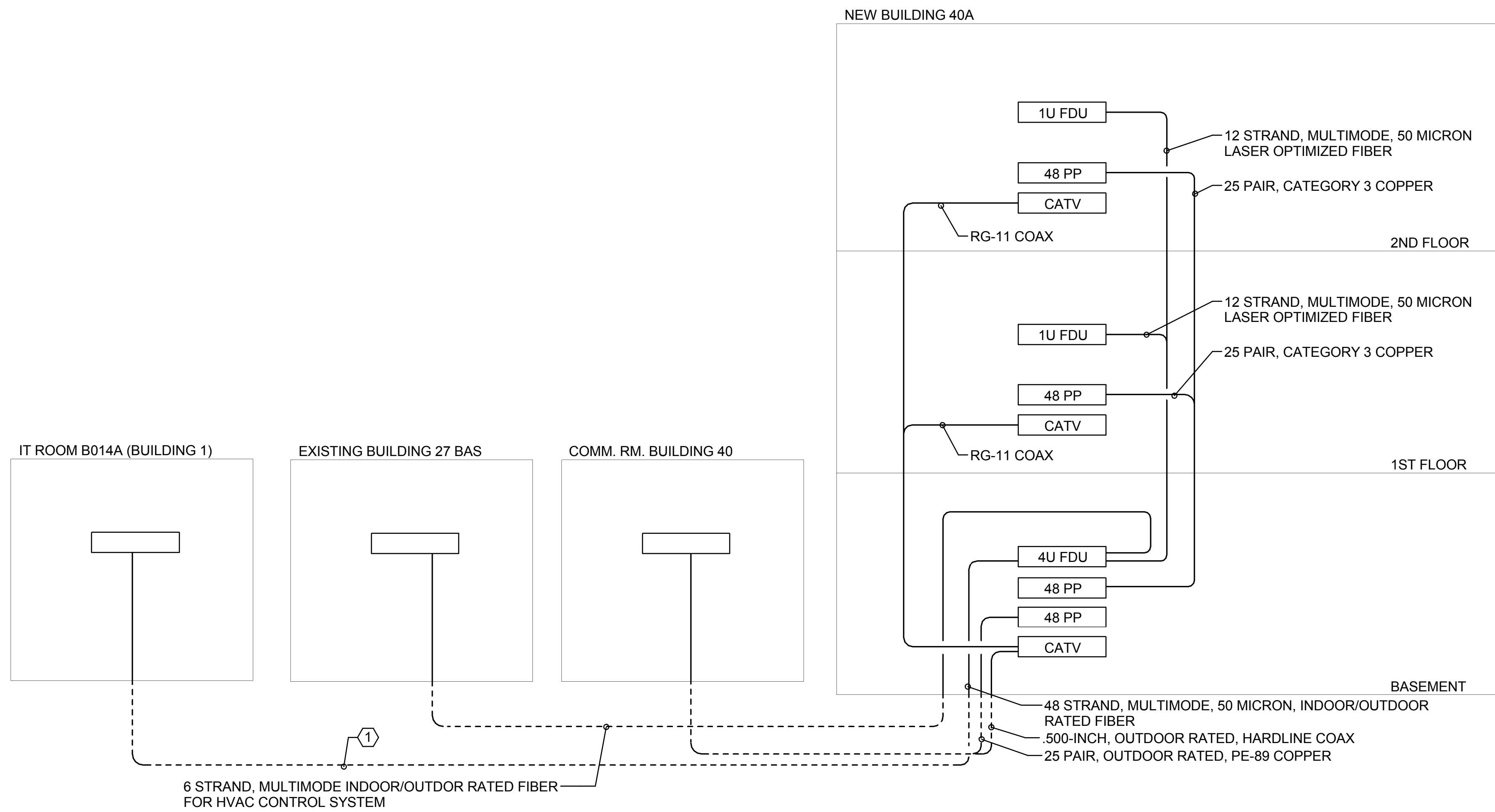
BID DOCUMENT
NOVEMBER/02/2015

Office of
Construction
and Facilities
Management

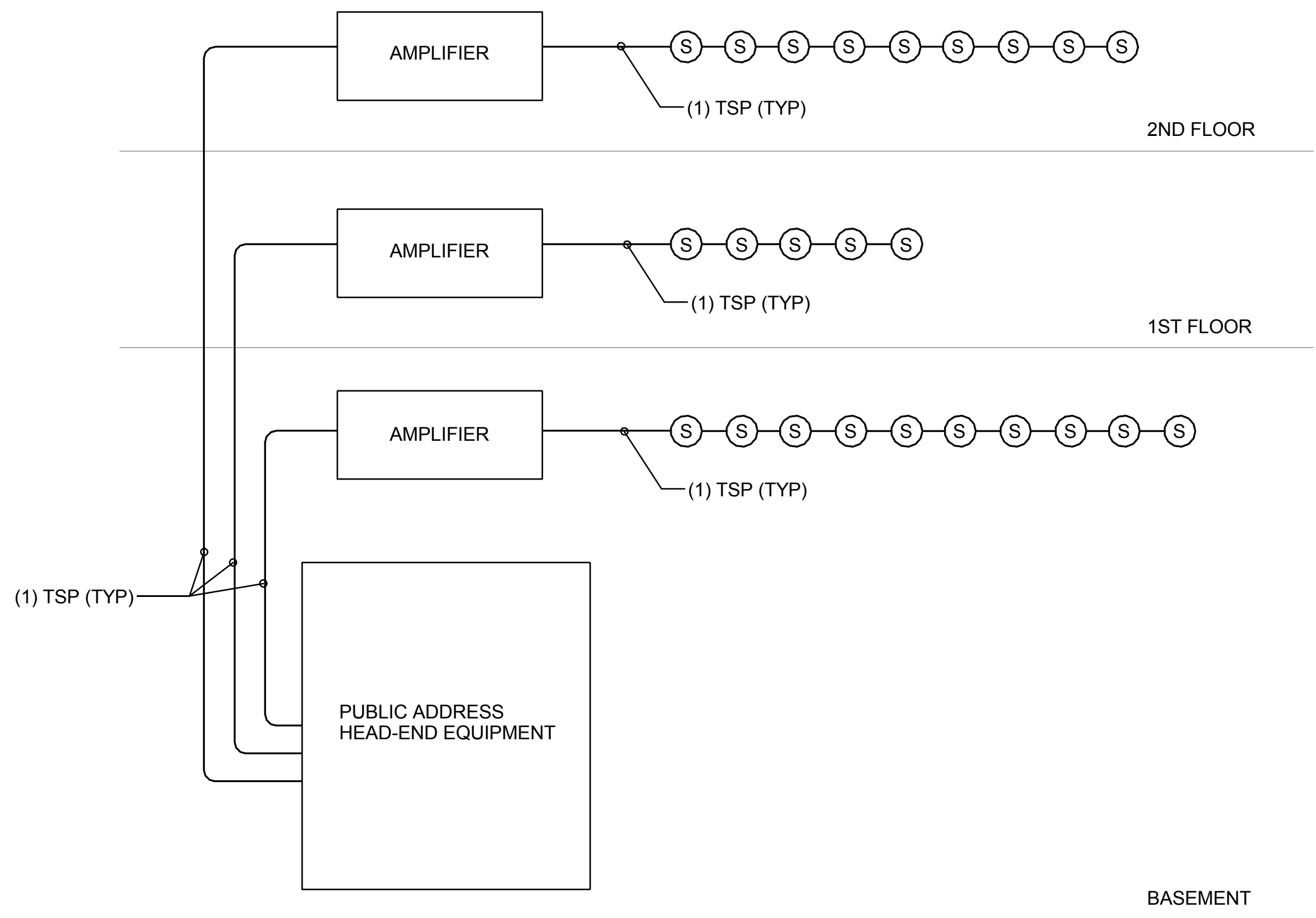
Department of Veterans Affairs



3 SINGLE ACCESS DOOR CARD READER DETAIL
NO SCALE



1 BACKBONE RISER - TECHNOLOGY
NO SCALE



NOTE THIS DETAIL: DEVICES SHOWN ARE TYPICAL. QUANTITIES AND LOCATIONS ARE INDICATED ON PLANS.

2 PUBLIC ADDRESS/MASS NOTIFICATION RISER
DIAGRAM
NO SCALE

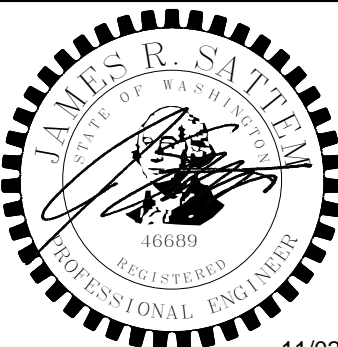
SHEET KEYNOTES

- ROUTE FIBER BACKBONE FROM BUILDING 1 TO NEW BUILDING 40A THROUGH BUILDING 26/27 AND BUILDING 40 COMMUNICATIONS ROOM. APPROXIMATELY 2500'. CONTRACTOR TO VERIFY DISTANCE AND ROUTING.

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| | SCHEMATIC DESIGN | 3/28/14 |
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Drawing Title
**TECHNOLOGY DIAGRAMS
AND DETAILS**

Approved: Project Director

Approver

Project Title
**INTENSIVE OUTPATIENT MENTAL HEALTH
AND EDUCATION BUILDING**
SPOKANE VA MEDICAL CENTER
SPOKANE, WASHINGTON 99205

Location
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Issue Date
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Drawn
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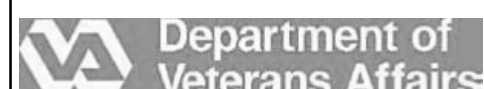
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668-313
Building Number
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Drawing Number

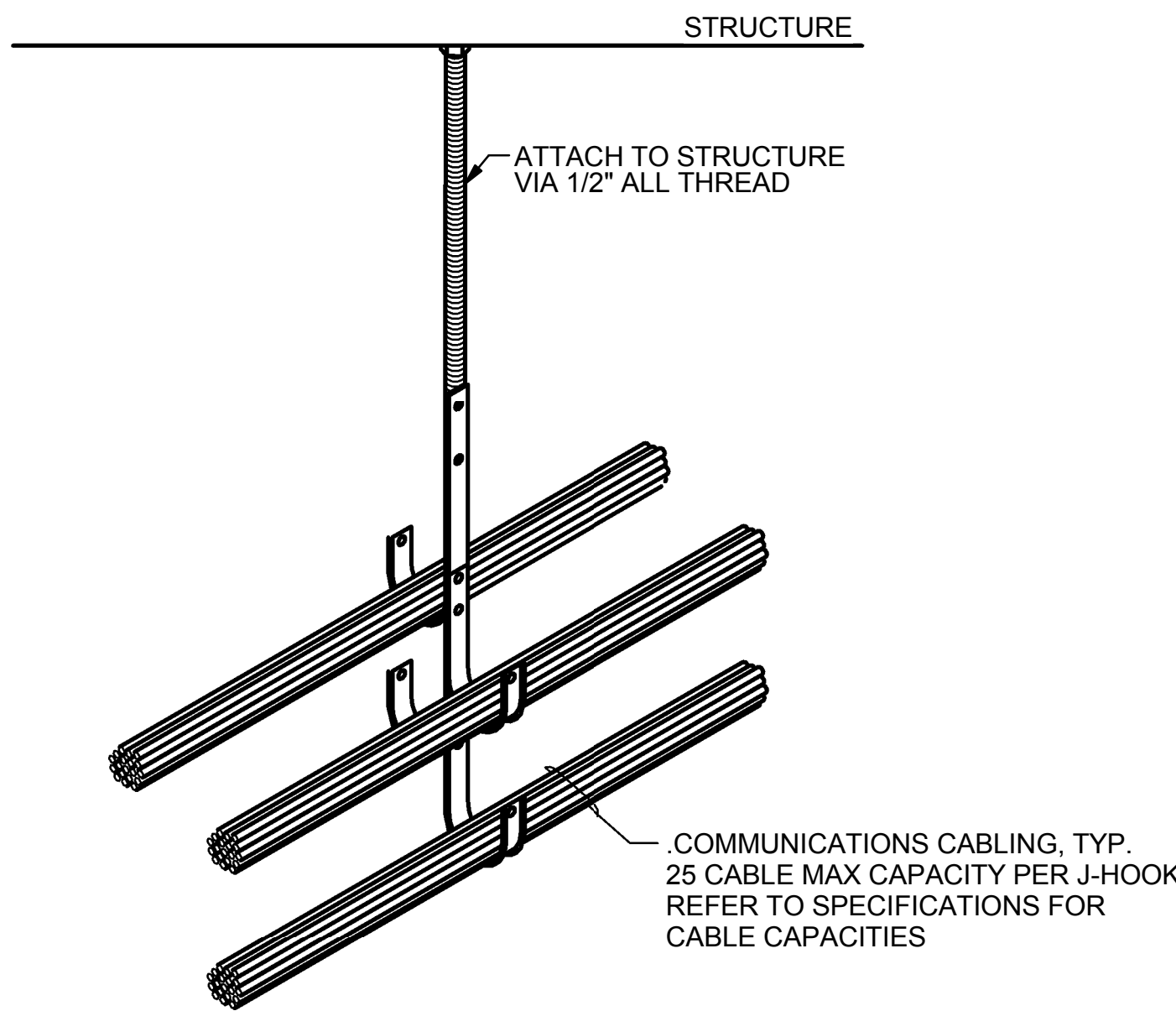
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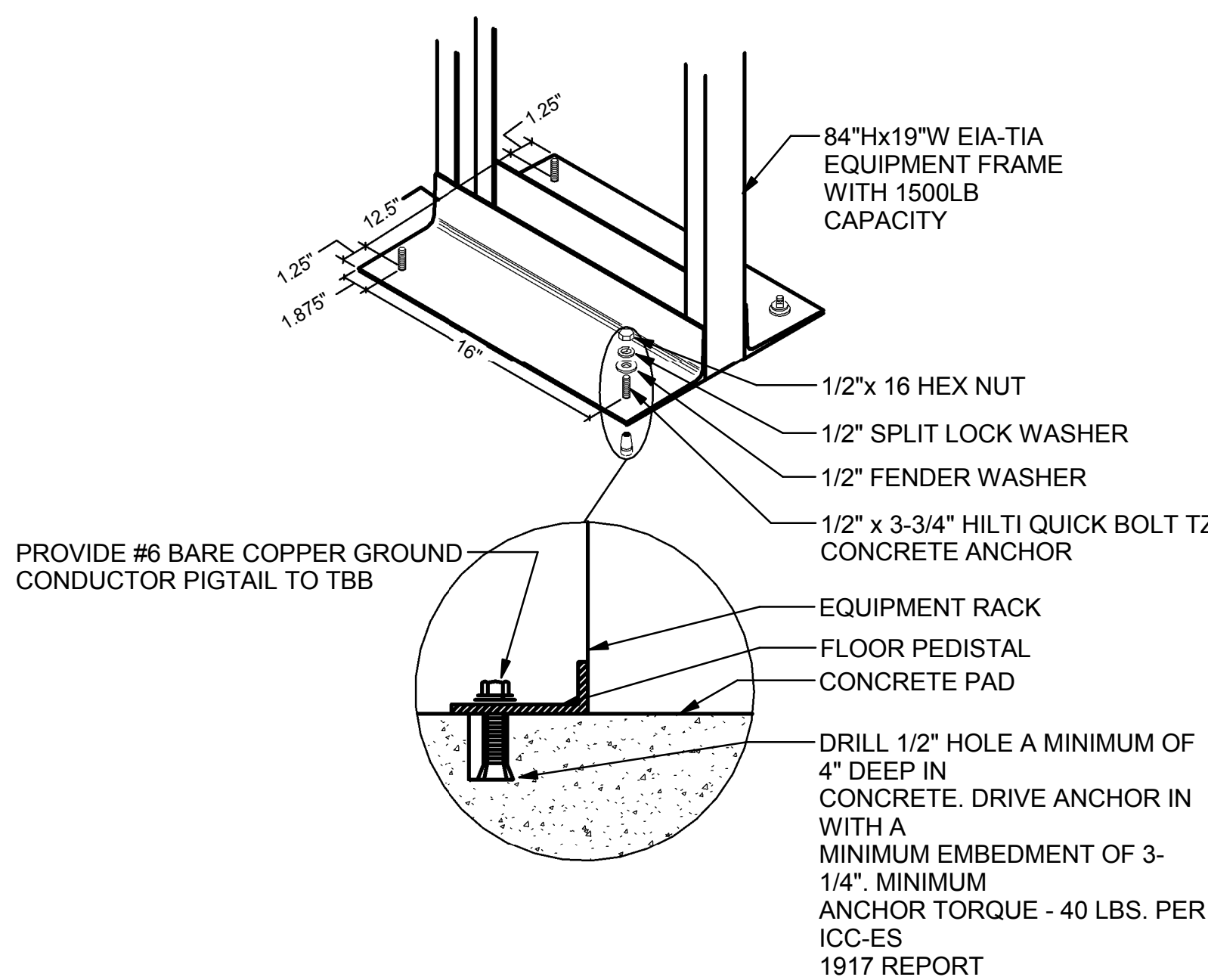
Office of
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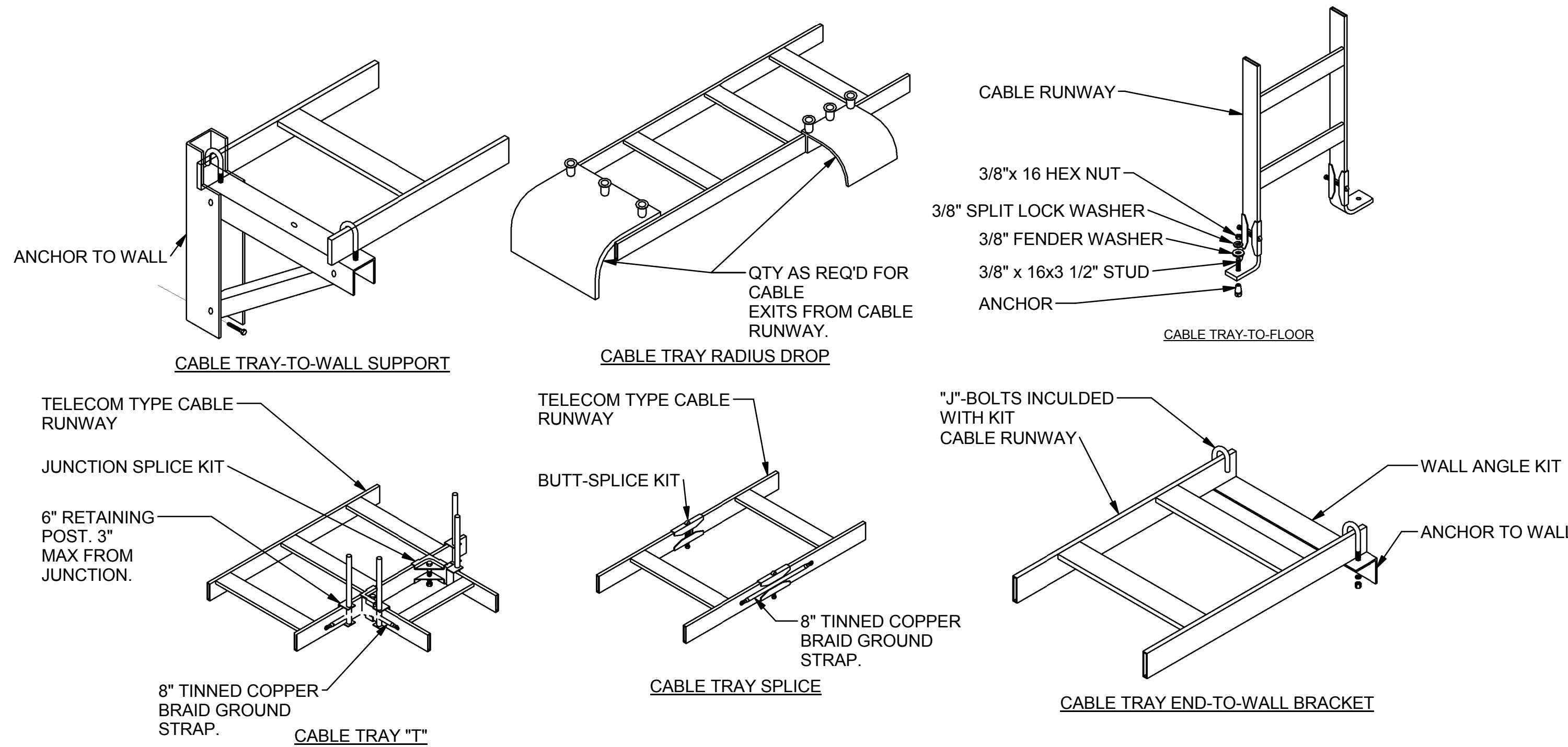
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one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
three inches = one foot
6"



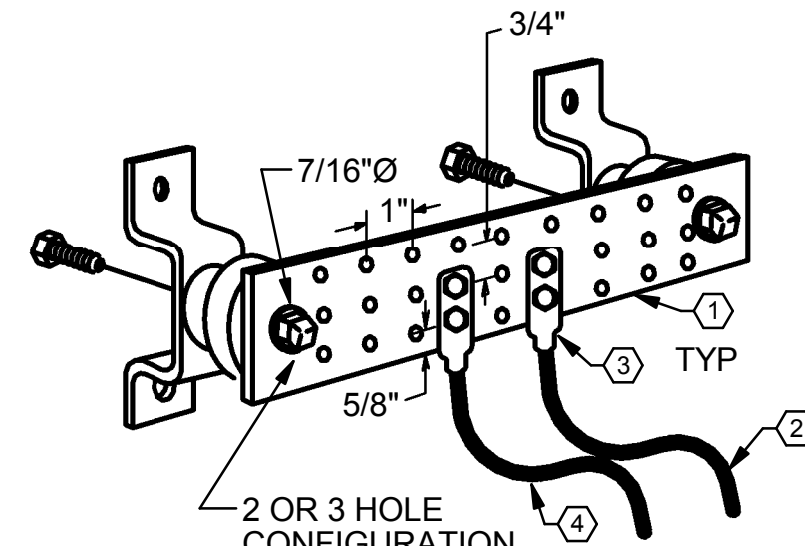
2 J-HOOK DETAIL
NO SCALE



3 RACK MOUNTING DETAIL
NO SCALE



1 LADDER RACK DETAIL
NO SCALE



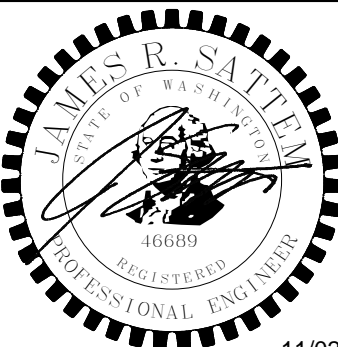
- DETAIL KEYNOTES
- 1 COPPER GROUND BAR, 1/4"x4"x10", HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION.
 - 2 3/0 BARE COPPER GROUND CONDUCTOR TO MAIN SERVICE EQUIPMENT GROUND OR TBB.
 - 3 2-HOLE LUG.
 - 4 3/0 BARE COPPER GROUND CONDUCTOR TO BUILDING STEEL.

4 GROUNDING BUS BAR
NO SCALE

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| | BID DOCUMENT | 11/02/2015 |
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| | | 12/30/14 |
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Drawing Title
**TECHNOLOGY DIAGRAMS
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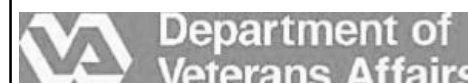
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Checked
Checker
Drawn
Author

Project Number
668-313
Building Number
40A

Drawing Number
ET602
Dwg. of

Office of
Construction
and Facilities
Management



**BID DOCUMENT
NOVEMBER/02/2015**